

W. J. Mores
Burlington Farm
Virginia 1912

17269

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No.	Sown	Date of Bloom	1st pods mature	Mature	Season	Height	No. of Pods	Yield of seed per sq. rd.	Kind
1662.6	1645	645	14		107	1512			
21755	April 15	June 11	July 27	Aug 1	108	6-10	35	2' 2"	60%
1525.9	May 1	June 20	Aug 2	" 6	98	10-12	35	2' 8"	50%
Early	May 20	July 1	" 9	" 15	88	10-18	55	4'	80%
13820	June 1	" 8	8/18	" 27	88	8-14	52	3' 8"	90%
1368.6	June 15	" 20	8/27	9/5	80	6-10	50	2' 6"	60%
1148.8	July 1	Aug 1	9/11	9/20	81	8-14	42	3' 4"	85
1127.5	" 15	" 18	10/4	10/7	83	6-10	35		80
1137.1	Aug. 1	9/1	10/21	10/29	89	8-12	27	1' 10"	90
1121.6	April 15	June 11	8/12	8/22	130	12-20	45	3'	20%
15835	May 1	June 24	8/18	8/26	118	12-20	60	2'	20%
17251	May 20	June 30	8/24	8/29	102	12-18	90	1' 10"	20%
17207	June 1	July 12	8/29	9/6	98	12-20	70	1' 12"	20%
15716	June 15	" 29	9/6	9/14	90	10-16	50	1' 8"	15%
1498.7	July 1	8/3	9/20	10/4	99	10-16	50	6' 6"	10%
1282.8	" 15	8/20	10/21	97			30	4' 11"	
1341.9	Aug. 1	9/3	10/29	89			8	1'	
1267.4	April 15	June 11	8/14	8/27	135	18-28	210	5' 14"	40%
1121.8	May 1	June 22	8/21	9/5	128	20-30	225	10' 3"	60%
2028.1	May 20	July 1	8/27	9/11	115	24-30	180	9'	80%
18227	June 1	" 12	8/29	9/14	106	24-36	130	6' 12"	90%
1929.2	June 15	" 20	9/6	9/22	97	24-30	150	7'	95%
Charnice	July 1	Aug 1	9/25	10/2	93	16-20	90	5' 4"	80
1737.2	" 15	" 18	10/17	10/17	93	12-16	45	6' 4"	95
1599.9	Aug 1	" 27	10/31	91		6-10	15	2' 14"	95

No.	Sown	Date of Bloom	1st pods mature	Mature	Grason	Height	No. of Pods	Yield per sq. rd.	Stems
2183.5 21079A	April 15	June 24	8/24	9/8	147	30-36	250	31'5"	95
1993.0 Anburn	May 1	July 8	8/29	9/10	133	30-36	200	9'12"	80
1774.8	" 15	" 12	9/1	9/14	118	30-36	180	11'5"	90
1697.9	June 1	" 17	9/9	9/22	113	24-30	160	7'	80
1515.8	" 15	" 29	9/20	10/5	110	24-32		5'9"	40
1465.7	July 1	8/13	10/5	10/19	110	24"		5'11"	40
1310.0	" 15	8/21		10/25	101	18		7'4"	60
1143.0	Aug. 1	9/3	10/5	10/31	91	10-14		1'9"	60
1988.3 32280	April 15	June 24	8/16	8/24	130	14-24	135	2'14"	25
1838.3	May 1	July 1	8/20	8/29	121	20-30	250	4'8"	50
1660.8	" 15	July 4	8/23	9/5	109	30-34	250	1'1'	95
1498.7	June 1	" 14	8/25	9/6	98	20-28	175	5'6"	60
1361.4	" 15	" 24	9/10	9/22	97	16-22	130	4'8"	50
1307.3	July 1	8/3	9/25	10/5	96	14-18	110	5'8"	60
1244.5	" 15	8/20	10/2	10/19	95	12-16		5'4"	80
1143.0	Aug. 1	9/1		10/31	91	10-14		2'14"	90
2309.2 32907	April 15	July 17	9/6	9/18	156	30-40	330	15'12"	90
2093.0	May 1	" 23	9/6	9/18	140	18-36	190	7'4"	80
1873.4	" 15	" 26	9/10	9/22	125	18-36	275	9'10"	98
1817.9	June 1	8/11	9/16	10/2	124	24-28		7'2"	98
1538.9	" 15	8/8		10/7	112	20-24		6'14"	90
1376.2	July 1	8/16		10/11	103	22-28		9'14"	98
1266.5	July 15	8/28		10/21	97	16-20		7'2"	98
1143.0	Aug. 1	9/4		10/31	92	14-16		4'4"	100

No.	Sown	Date of bloom	1st pods mature	Mature	Season	Height	No. of Pods	yield of seed per sq. ft.	Stand
31867	April 15	8/15	2703.8	10/22	190	42-48		8' 11"	80
	May 1	8/15	2469.6	10/22	174	42-48		3' 5"	15
	" 15	8/16	2152.7	10/22	155	42-48		10' 8"	75
	June 1	8/21	2140.8	10/31	152	32-38		8' 6"	85
	" 15	8/27	1803.7	10/31	136	30-34		5' 10"	25
	July 1	8/29	1647.6	11/5	50% pods mature	32-34		9' 6"	90
	" 15	9/5				22-26		4'	40
	Aug. 1	9/14				18-20		14"	90
23232	April 15	8/13	2723.8	10/22	190	40-52		5' 6"	80
	May 1	8/16	2507.6	10/22	175	45-60		8' 2"	98
	" 15	8/16	2219.1	10/22	155	48-60		5' 8"	90
	June 1	8/21	2140.8	10/31	163	48-56		5' 12"	95
	" 15	8/28	1803.7	10/31		42-48		4' 2"	80
	July 1	8/30	1647.5	11/5	50% pods mature	32-38		6' 2"	98
	" 15	9/9	1426.3	11/5	24% pods mature	30-34		4' 2"	95
	Aug. 1	9/16				12-20		8"	90

30-30-30 5/7

2 - 30 - 10/17
 3 - 30 - 10/17
 4 - 30 - 10/17
 5 - 30 - 10/17
 6 - 30 - 10/17
 7 - 30 - 10/17
 8 - 30 - 10/17

Date of Planting (Compass)

No.	Sown	Date of Flower	1st Pods mature	Standard Mature	Mature	Season	Height	Yield Bolls per plant	Yield
1929.3	April 15	7/10	8/9						
Nam	May 1	July 15	8/6	30	9/5	126	10 x 14	5' 4"	
1787.3	20	8/6	8/9					4' 5"	
Era	" 15	11 28	8/24	95	9/15	118	18-22	5' 15"	
1698.5	Jr. 1	8/3	8/27	90	9/12	114	18-22	7' 2"	
1457.3	Jr. 15	8/13	9/1	95	9/30	105	18-22	6' 5"	
1284.0	July 1	8/18	9/9	95	10/3	95	12-18	10' 2"	
	" 15	9/6	9/25	95			12-18		
	Aug. 1	10/25							
3286.2	April 15	7/9	8/13	402	9/15	136	16-20	6' 10"	
2056.7	May 1	July 15	8/13					6' 14"	
Joint	20	8/6	8/24	95	9/22	125	20-24	8' 14"	
1873.4	" 15	11 28	8/24	95	9/22	125	20-24	8' 14"	
1698.5	Jr. 1	8/8	8/27	98	9/22	114	20-24	5' 4"	
1457.3	Jr. 15	8/12	9/1	98	9/30	105	20-24	6' 2"	
1307.3	July 1	8/24	9/14	95	10/5	97	22-24	5' 2"	
	" 15	9/13	9/25	95			22-24		
	Aug. 1	10/25							
3288.7	April 15	7/10	8/9						
2117.4	May 1	8/1	8/24	3020	9/20	143	20-22	3' 2"	
Brabham	20	8/1	8/25	98	9/25	126	20-24	3' 6"	
1934.0	" 15	8/1	8/25	98	9/25	126	20-24	3' 12"	
1794.4	Jr. 1	8/15	8/29	95	9/30	122	20-24	6' 18"	
1459.3	" 15	8/15	8/29	98	9/30	105	18-20	4' 10"	
	July 1	8/21	9/16	90				3' 12"	
	" 15	9/13	10/17	98			20-24		

Time of Planting

See also Page 95

No.	Season	Date of Bloom	1st pods mature	Stand Season	Mature Season	Height	Pods per plant	Yield
29282	April 15	—	—	—	—	—	—	—
1785.4	May 1	59 7/28	88 7/27	50%	8/25	117	18	3' 2"
1711.8	May 20	51 July 10	82 8/10	80%	9/9	112	20	5' 2' 14"
1498.7	June 1	54 " 24	81 8/20	95%	9/6	98	18-20	2' 12" 5' 10"
1212.5	June 17	52 8/8	82 8/28	95%	9/10	85	18-24	10
11285	July 1	46 8/15	67 9/5	80%	9/20	81	12-18	4' 9" 7' 10"
11092	" 16	42 8/27	66 9/20	98%	10/7	83	10-14	3' 12"
	Aug. 1	44 9/13						
25088	April 15	—	—	—	—	—	—	—
1916.4	May 1	96 July 16	105 8/13	85%	9/4	127	12-16	9' 14"
17873	" 15	80 " 24	93 8/21	90%	9/15	118	16-20	8'
16249	June 1	64 8/3	86 8/25	90%	9/16	108	18-20	2' 7" 7' 11"
1397.6	" 13	59 8/15	76 9/1	95	9/25	100	18-20	9' 4" 2' 14"
1260.6	July 1	57 8/20	72 9/10	95%	10/1	93	12-18	2' 10" 7' 2"
1109.2	" 16	56 9/10	71 9/25	95%	10/7	83	12-18	
	Aug. 1	86 10/25						
0602	April 15	—	—	—	—	—	—	—
Whip	May 1	86 7/24	112 8/20	60%	9/10	133	14-18	2' 8" 3' 6"
1872.9	" 20	95 8/3	101 8/29	90	9/22	125	18-22	3' 12" 3' 12"
1698.0	June 1	76 8/15	96 9/4	90	9/22	114	18-22	8' 2"
1481.5	" 17	60 8/16	80 9/6	98	10/2	107	18-22	9' 5"
1295.7	July 1	56 8/25	78 9/16	98%	10/4	96	18-22	3' 2"
	" 16	64 9/16	85 9/6	98%			18-22	
	Aug. 1	88 10/25						

Commercial Varieties (soybeans).

No.	Trade Name	Identified as	Source	Season	Row
01685	Ito San		^{Mich} E. E. Evans ^{Wis}		
01686	Ito San		L. S. Ulds. ^{Pa.}		
01687	Ito San		Harry Field ^{Kans.}		
01688	Ito San		Barteldes ^{Ind.}		
01689	Early Brown		J. A. Smith ^{Va.}		
01690	Brown Soya		T. W. Wood ^{Pa.}		
01691	Hollybrook		W. H. Maule ^{Va.}		
01692	Hollybrook		T. W. Wood ^{Va.}		
01693	Mammoth		T. W. Wood ^{N.C.}		
01694	Mammoth		Burns & Co ^{Fla.}		
01695	Mammoth		Crenshaw ^{La.}		
01696	Mammoth		J. Stickler ^{Tex.}		
01697	Mammoth		W. P. Ridley ^{Pa.}		
01698	Mammoth		Moore Seed Co. ^{Pa.}		
01699	Mammoth		H. F. Mitchell ^{Pa.}		
01700	Mammoth		W. C. Beckert ^{Pa.}		
01701	Mammoth	Mamm.	W. H. Maule ^{O.}		
01702	Mammoth	"	Livingston ^{Kans.}		
01703	Mammoth	"	Barteldes ^{Va.}		
01704	Mammoth	"	L. Carrier		
01705	Ebony	Ebony	E. E. Evans ^{Wis.}		
01706	Ebony	"	L. S. Ulds ^{Va.}		
01707	Black Soya	"	T. W. Woods ^{Mich.}		
01708	Black Soya	Black	E. E. Evans		

Row

No.	Trade name	Identified as	Source	Season		
01709	Med. Early Green	bruegh	^{n.y.} Henderson			
01710	Early Green	"	^{Pa.} H.F. Mitchell			
01711	Dwarf Green	"	^{Va.} T.W. Woods			
01712	Hollybrook	Med yell	^{Mich} E.E. Evans			
01713	Sable		Wing Co.			
01714	Mongol	med yel	Wing Co.			
01715	Mikado		Wing Co.			
01716		Mamm	Wing Co.			
01717		Old Sam	Wing Co.			
	Ito Sam. Ky.				7/8 P	20 ⁻³
	Med. Yell. Ky.				7/22 P	20 ⁻⁴
	Ito Sam. Illino				7/20 P	21 ⁻¹
	Med. Teller Tenn				8/1 P	22 ⁻¹
17269	" Yell. Ky.				7/29 P	23 ⁻¹
01873						

Variety Trial (Soybeans)

No.	Source	Date of Bloom	Color	Maturity	Season	Yield	Row
01309	Jr. 10	JUL 18	White. Purple				59
01312	" 10	JUL 22	Purple				59
01318	" 10	JUL 18	White. Purple				60
01344	" 10	JUL 18	Purple				60
01534	" 10	JUL 29	Purple				60
01536	" 10	JUL 26	Purple				60
01539	" 10	AUG 1	Purple White				61
01547	" 10	JUL 22	White. Purple				61
01553	" 10	AUG 21	Purple				61
01554	" 10	AUG 28	P				61
01592	" 10	AUG 6	White. Purple	Harber			58
01593	" 10	AUG 1	White	"			58
01594	" 10	JUL 15	Purple	"			58
01595	" 10	JUL 15	Purple	"			58
01596	" 10	JUL 18	Purple	"			59
01598	" 10	JUL 18	White. Purple	Harber			59
01622	" 10	AUG 3	White. Purple	Black Beauty			62
01623	" 10	AUG 3	Purple	early yellow			62
01624	" 10	AUG 1	Purple				62
01685	" 7	JUL 18	Purple	old sun			19
01686	" 7	JUL 17	Purple	"			19
01687	" 7	JUL 17	Purple	"			19
01688	" 7	JUL 18	Purple				21
01689	" 7	JUL 20	Purple				21
01690	" 7	AUG 28	W				21

No.	Sown	Date of bloom	Color	Maturity	Season	Yield	Boar
01691	jr. 7	AUG 8	White.				23 ⁻⁵
01692	" 7	AUG 16	White.				22 ⁻⁴
01693	jr. 7	AUG 12	White.				15 ⁻¹
01694	" 7	AUG 28	w				15 ⁻²
01695	" 7	AUG 28	w				15 ⁻³
01696	" 7	AUG 28	w				15 ⁻⁴
01697	" 7	AUG 28	w				16 ⁻¹
01698	" 7	AUG 28	w				16 ⁻²
01699	" 7	AUG 28	w				16 ⁻³
01700	" 7	AUG 28	w				16 ⁻⁴
01701	" 7	AUG 28	w				17 ⁻¹
01702	" 7	AUG 28	w				17 ⁻²
01703	" 7	AUG 28	w				17 ⁻³
01704	" 7	AUG 28	w				17 ⁻⁴
01705	" 7	JUL 29	White Purple				29 ⁻²
01706	" 7	JUL 29	Purple				29 ⁻¹
01707	" 7	JUL 29	Purple				30 ⁻¹
01708	" 7	JUL 26	Purple				26 ⁻³
01709	" 7	JUL 26	Purple				26 ⁻⁴
01710	" 7	JUL 26	Purple				26 ⁻¹
01711	" 7	AUG 1	Purple				26 ⁻²
01712	" 7	JUL 29	Purple				24 ⁻²
01713	" 7	JUL 29	White.				30 ⁻³
01714	" 7	JUL 26	Purple				23 ⁻²
01715	" 7	AUG 1	Purple				23 ⁻³

No.	Source	Date of Bloom	Color	Maturity	Season	Field	Pro
01716	Jr. 7	AUG 28	w				18
01717	" 7	JUL 17	Purple				19
01748	" 8	AUG 21	Purple White	14954 Aime			36
01744	" 8	AUG 28	w	Edmond			36
01745	" 8	AUG 15	Purple White	Shanghai			36
01746	" 7	AUG 28	w	Mam			18
01747	" 8	JUL 18	Purple	Meyer			36
01748	" 7						
01749	" 8	JUL 20	Purple	20406			37
01750	" 8	JUL 20	Purple White	20405			37
01751	" 7	JUL 18	Purple	Old farm			19
01752	" 7	JUL 18	Purple	18			23
01753	" 7	JUL 20	Purple White	B. Shw			28
01754	" 7	AUG 1	Purple	Med. yell			22
01755	" 7	JUL 26	Purple	Grubbs			25
01756	" 7	JUL 18	Purple	Old farm			20
01757	" 7	+					32
01758	" 7	JUL 26	Purple White				32
01759	" 7	JUL 26	White				31
01760	" 8	JUL 22	Purple White	20405			33
01761	" 8	JUL 29	Purple	17275			33
01762	" 7	JUL 17	Purple	Manchuria			26
01763	" 7	JUL 26	Purple	Grubbs			25
01764	" 8	JUL 20	Purple White	21079			34
01765	" 8	JUL 22	White	21079A			34

No.	Source	Date of bloom	Color	Maturity	Season	Yield	Row
01766	Ja. 8	JUL 19	Purple.	Elony			29 ⁻⁴
01767	" 8	JUL 29	Purple. White.	Cloud			35 ⁻¹
01768	" 8	JUL 19	Purple.	20406			35 ⁻²
1299	"	JUL 23	White.				22 ⁻³
16789	" 8	JUL 29	White.				37 ⁻³
16790	" 7	JUL 29	Purple White.				30 ⁻²
17252	" 8	AUG 6	Purple	✓			54 ¹
17254	" 8	JUL 22	Purple.	my	Elony		29 ³
17258	" 8	JUL 20	Purple White.				54 ² 27 ⁻⁴
17260	" 8	JUL 26	Purple.				54 ³
17261		JUL 29	Purple.	ers	Mid Greens		25 ⁻¹
17263	" 8	JUL 29	Purple. White.				55 ⁻¹
17264	" 8	AUG 8	Purple. White.				55 ⁻²
17267	" 8	AUG 14	Purple White.				54 ⁴
17268		JUL 19	Purple.		eto same		20 ⁻¹
17269	" 8	JUL 29	Purple.		Widened		55 ³ 24 ⁻¹
17271	" 8	AUG 1	White.		Robertlandt		51 ⁴
17273	" 8	JUL 26	White. Purple.				56 ⁻¹
17275	" 8	AUG 1	Purple.				56 ⁻²
17276	" 8	JUL 29	White.				56 ⁻³
17277	" 8	JUL 26	White.				56 ⁻⁴
17278	" 8	AUG 8	White. White.				57 ⁻¹
17280	"	AUG 28					18 ⁻³
17857	" 8	AUG 1	White.				57 ⁻¹
17861	" 8	JUL 29	Purple White.				57 ² 30
17862	" 8	AUG 6	Purple White.				57 ³

No.	Down	Date of Bloom	Color	Maturity	Season	Yield	Row
18227	fr 8	JUL 20	Purple.				37 ⁻¹
18259	" 8	JUL 29	Purple. White.				38 ⁻¹ 30 ⁻¹
19183	" 8	JUL 26	Purple. White.		milons		38 ⁻²
19184	" 8	JUL 26	Purple. White.				38 ⁻³
19186	" 8	JUL 29	Purple. White.		Morse		38 ⁻⁴
19984	" 8	AUG 6	White. Purple				39 ⁻¹
19985	" 8	AUG 3	White.				39 ⁻²
20011	" 8	JUL 22	Purple				39 ⁻³
20409	" 8	JUL 18	Purple				39 ⁻⁴
20410	" 8	JUL 26	Purple				40 ⁻¹
20412	" 8	JUL 22	Purple. White.				40 ⁻²
20854	" 8	JUL 19	Purple. White.				40 ⁻³
21079	" 8	JUL 26	Purple. White.				40 ⁻⁴
21755	" 8	July 15	White				41 ⁻¹ 27 ⁻⁵
21825	" 8	JUL 18	Purple.				41 ⁻²
21830	" 8	JUL 22	Purple				41 ⁻³
21999	" 8	AUG 3	White. Purple				41 ⁻⁴
22380	" 8	AUG 17	White.				42 ⁻¹
22406	" 8	AUG 6	White.				42 ⁻²
22407	" 8	JUL 26	White.				42 ⁻³
22874	" 8	JUL 26	Purple				42 ⁻⁴
22876	" 8	JUL 29	Purple				43 ⁻¹
22880	" 8	JUL 22	Purple				43 ⁻²
22884	" 8	JUL 29	White.				43 ⁻³
22927	" 8	AUG 17	White.				43 ⁻⁴

No.	Down	Date of Bloom	Color	Maturity	Season	Yield	Proven
23232	fr. 8	AUG 28	P				44-1
23336	" 8	SEP 12	P				44-2
24184	" 8	AUG 19	Purple				44-3
24610	" 8	AUG 28	w				44-4
25130	" 8	JUL 18	Purple				45-1
25161	" 8	JUL 22	Purple				45-2
25162	" 8	AUG 28	w				18-4
25465	" 8	JUL 18	Purple				45-3
27557	" 8	AUG 3	Purple				46-1
27897	" 8	DID NOT GERMINATE					46-2
27899	" 8	JUL 29	Purple				46-3
27900	" 8	JUL 22	Purple				46-4
27901	" 8	AUG 28	w				47-1
27902	" 8	JUL 22	Purple				47-2
28019	" 8	JUL 22	Purple				47-3
28020	" 8	JUL 22	Purple				47-4
28021	" 8	DID NOT GERMINATE					48-1
28049	" 8	JUL 22	Purple				48-2
28050	" 8	JUL 18	Purple				48-3
28051	" 8	AUG 1	Purple				48-4
30595	" 8	JUL 29	White.				49-1
30596	" 8	AUG 6	White.				49-2
30597	" 8	AUG 3	Purple				49-3
30598	" 8	AUG 6	White.				49-4
30599	" 8	JUL 17	Purple				50-1

No.	Source	Date of Bloom	Color	Maturity	Season	Yield	Row
30600	Gr. 8	JUL 22	Purple				50 ⁻²
30601	" 8	JUL 22	White. Purple				50 ⁻³
30744	" 8	JUL 18	White. Purple	Bl. Sybun			50 ⁻⁴
30745	" 8	JUL 17	Purple. White.				51 ⁻¹
30746	" 8	JUL 18	White. Purple	Boosier			51 ⁻²
30747	" 8	JUL 22	Purple. White.				51 ⁻³
30839	" 8						51 ⁻⁴
30840	" 8						52 ⁻¹
30841	" 8						52 ⁻²
31802	" 8	JUL 26	White. Purple				52 ⁻³
31803	" 8	JUL 26	White. Purple				52 ⁻⁴
31804	" 8	JUL 26	Purple. White.				53 ⁻¹
32361	" 8	AUG 28	P				53 ⁻²
32491	" 6						1-6
32492	" 6	AUG 8	White.				1-7
32493	" 6						1-8
32494	" 6	AUG 8	White.				2 ⁻¹
32495	" 6	DID NOT GERMINATE					2 ⁻²
32496	" 6	DID NOT GERMINATE					2 ⁻³
32497	" 6	DID NOT GERMINATE					2 ⁻⁴
32498	" 6	DID NOT GERMINATE					2 ⁻⁵
32499	" 6						2 ⁻⁶
32500	" 6	DID NOT GERMINATE					2 ⁻⁷
32501	" 6	DID NOT GERMINATE					2 ⁻⁸
32502	" 6	DID NOT GERMINATE					3 ⁻¹

No.	Source	Date of Bloom	Color	Maturity	Season	Yield
32503	Jr. 6					3 ⁻²
32504	" 6					3 ⁻³
32505	" 6					3 ⁻⁴
32506	" 6					3 ⁻⁵
32507	" 6					3 ⁻⁶
32508	" 6					3 ⁻⁷
32509	" 6					3 ⁻⁸
32510	" 6					4 ⁻¹
32511	" 6					4 ⁻²
32512	" 6					4 ⁻³
32513	" 6					4 ⁻⁴
32514	" 6					4 ⁻⁵
32515	" 6					4 ⁻⁶
32516	" 6					4 ⁻⁷
32517	" 6	AUG 8	White.			4 ⁻⁸
32518	" 6	AUG 15	White.			5 ⁻¹
32519	" 6	AUG 8	White.			5 ⁻²
32520	" 6					5 ⁻³
32521	" 6					5 ⁻⁴
32522	" 6					5 ⁻⁵
32523	" 6					5 ⁻⁶
32524	" 6					5 ⁻⁷
32525	" 6					5 ⁻⁸
32526	" 6	AUG 8	White.			6 ⁻¹
32527	" 7	AUG 8	White.			6 ⁻²

No.	Form	Date	Flower	Color	1st prod ² in	Mature	Yield
32528	Jr. 7	AUG 8		White			6 ⁻³
32529	" 7			DID NOT GERMINATE			6 ⁻⁴
32530	" 7			DID NOT GERMINATE			6 ⁻⁵
32531	" 7			DID NOT GERMINATE			6 ⁻⁶
32532	" 7			DID NOT GERMINATE			6 ⁻⁷
32533	" 7			DID NOT GERMINATE			6 ⁻⁸
32534	" 7	JUL 26	8/8	Purple			7 ⁻¹
32535	" 7	AUG 10		White			7 ⁻²
32536	" 7			DID NOT GERMINATE			7 ⁻³
32537	" 7			DID NOT GERMINATE			7 ⁻⁴
32538	" 7			DID NOT GERMINATE			7 ⁻⁵
32539	" 7			DID NOT GERMINATE			7 ⁻⁶
32540	" 7			DID NOT GERMINATE			7 ⁻⁷
32541	" 7			DID NOT GERMINATE			7 ⁻⁸
32542	" 7	AUG 11		White			8 ⁻¹
32543	" 7			DID NOT GERMINATE			8 ⁻²
32544	" 7			DID NOT GERMINATE			8 ⁻³
32545	" 7			DID NOT GERMINATE			8 ⁻⁴
32546	" 7			DID NOT GERMINATE			8 ⁻⁵
32547	" 7			DID NOT GERMINATE			8 ⁻⁶
32548	" 7			DID NOT GERMINATE			8 ⁻⁷
32549	" 7			DID NOT GERMINATE			8 ⁻⁸
32550	" 7	AUG 15	8/15	White			9 ⁻¹
32551	" 7			DID NOT GERMINATE			9 ⁻²
32552	" 7			DID NOT GERMINATE			9 ⁻³

No.	Size	Date of Plow	Color	^(at maturity) Maturity	Mature	yield
32553	jr. 7		DID NOT GERMINATE			9 ⁻⁴
32554	" 7		DID NOT GERMINATE			9 ⁻⁵
32555	" 7		DID NOT GERMINATE			9 ⁻⁶
32556	" 7		DID NOT GERMINATE			9 ⁻⁷
32557	" 7		DID NOT GERMINATE			9 ⁻⁸
32558	" 7		DID NOT GERMINATE			10 ⁻¹
32559	" 7		DID NOT GERMINATE			10 ⁻²
32560	" 7		DID NOT GERMINATE			10 ⁻³
32561	" 7		DID NOT GERMINATE			10 ⁻⁴
32562	" 7		DID NOT GERMINATE			10 ⁻⁵
32563	" 7		DID NOT GERMINATE			10 ⁻⁶
32564	" 7		DID NOT GERMINATE			10 ⁻⁷
32565	" 7		DID NOT GERMINATE			10 ⁻⁸
32566	" 7		DID NOT GERMINATE 8/8 W			11 ⁻¹
32567	" 7		DID NOT GERMINATE			11 ⁻²
32568	" 7		DID NOT GERMINATE			11 ⁻³
32569	" 7		DID NOT GERMINATE			11 ⁻⁴
32570	" 7		DID NOT GERMINATE			11 ⁻⁵
32571	" 7		DID NOT GERMINATE			11 ⁻⁶
32572	" 7		DID NOT GERMINATE			11 ⁻⁷
32573	" 7					11 ⁻⁸
32574	" 7		AUG 15 White.			12 ⁻¹
32575	" 7		DID NOT GERMINATE			12 ⁻²
32576	" 7		DID NOT GERMINATE			12 ⁻³
32577	" 7		DID NOT GERMINATE			12 ⁻⁴

No.	Seeds	Height	Color	Mature	Yield
32578	Jr. 7			DID NOT GERMINATE	12 ⁻⁵
32579	" 7			DID NOT GERMINATE	12 ⁻⁶
32580	" 7			DID NOT GERMINATE	12 ⁻⁷
32581	" 7			DID NOT GERMINATE	12 ⁻⁸
32582	" 7	AUG 8	White.		13 ⁻¹
32583	" 7				13 ⁻²
32584	" 7			DID NOT GERMINATE	13 ⁻³
32585	" 7				13 ⁻⁴
32586	" 7			DID NOT GERMINATE	13 ⁻⁵
32587	" 7				13 ⁻⁶
32588	" 7			DID NOT GERMINATE	13 ⁻⁷
32589	" 7			DID NOT GERMINATE	13 ⁻⁸
32590	" 7			DID NOT GERMINATE	14 ⁻¹
32591	" 7			DID NOT GERMINATE	14 ⁻²
32592	" 7			DID NOT GERMINATE	14 ⁻³
32593	" 7			DID NOT GERMINATE	14 ⁻⁴
32594	" 7			DID NOT GERMINATE	14 ⁻⁵
32595	" 7				14 ⁻⁶
32596	" 7			DID NOT GERMINATE	14 ⁻⁷
32597	" 7			DID NOT GERMINATE	14 ⁻⁸
32598	" 7			DID NOT GERMINATE	14 ⁻⁹
32648	" 8				53 ⁻
32649	" 8	JUL 18	White. Purple.		53 ⁻⁴
31548		9/18	P.		1 ⁻
31549		9/18	P.		12

No.	Size	Date of Harvest	Color	Season	Mature	Yield	Row
31550		AUG 18	Purple				1 ³
31551							1 ⁴
31552		9/22	P				1 ⁵
Minnesota Numbers.							
*67	Jr. 7	JUL 22	White.				24 ⁻³
*66	" 7	JUL 20	White.				24 ⁻⁴
*47	" 7	JUL 15	White.				27 ⁻¹
*30	" 7	JUL 15	White.				27 ⁻²
*77	" 7	JUL 15	White.				27 ⁻³
*37	" 7	JUL 17	White.				28 ⁻¹
*37	" 7	JUL 17	White.				28 ⁻²
*36	" 7						28 ³
01873		AUG 28	W				

Variety Trial - Cornucopia.

No.	Sown	Date B flower	Color	1st Pods mature	Harvested	sq ft 15	Row
7B-3-3	Je 12	AUG 14	V. D.	SEP 3			1'
8B-5-2-1	" "	AUG 16	V. D.	SEP 3			1 ²
8B-5-2-2	" "	AUG 16	V. D.	SEP 3			1 ³
8B-5-3-1	" "	AUG 14	V. D.	SEP 3			1 ⁴
8B-9-1-1	" "	AUG 16	V. D.	SEP 7			2'
8B-9-2-2	" "	AUG 16	V. D.	SEP 5			2 ²
01814	" "	AUG 14	V. D.	SEP 3			2 ³
01045	" "	AUG 16	V. D.	SEP 7			2 ⁴
01532	" "	AUG 16	P. D.				3'
01540	" "	AUG 12	P. V. D.	SEP 3			3 ²
01544	" "	AUG 12	V. D.	SEP 3			3 ³
01545	" "	AUG 14	V. D.	SEP 7			3 ⁴
01546	" "	AUG 12	V. D.	SEP 7			4'
01548	" "	AUG 12	V. D.	SEP 3			4 ²
01549	" "	AUG 18	P. D.	SEP 3		30	4 ³
01550	" "	AUG 12	V. D.	SEP 3			4 ⁴
01551	" "	AUG 18	V. D.	SEP 9		5	5'
01552	" "	AUG 16	V. D.	SEP 7		10	5 ²
01556	" "	SEP 5					5 ³
01571	" "	AUG 8	White.	AUG 29		100	5 ⁴
01718	" "	AUG 16	V. D.	SEP 13		2	6'
01748	" "	AUG 12	V. D.	SEP 7		2	6 ²
8687	" "						6 ³
9245	" "	AUG 21	V. D.	SEP 9		5	6 ⁴

No.	Sown	Date of sowing	Color	as per maturity	Harvested	15 Days	Row
25088	jr. 12	AUG 12	V. P.	SEP 3		80	7 ¹
25786	" "	AUG 16	V. P.	SEP 7		2	7 ²
26497	" "	AUG 12	V. P.	SEP 3		95	7 ³
26844	" "	AUG 18	P. P.	SEP 9		2	7 ⁴
27867	" "	AUG 12	V. P.	SEP 3		60	8 ¹
27930	" "	AUG 12	V. P.	SEP 3		95	8 ²
28617	" "	AUG 12	P. P.	SEP 3		98	8 ³
28888	" "	AUG 16	P. P.	SEP 9		0	8 ⁴
28889	" "	AUG 16	V. P.				9 ¹
28890	" "	AUG 16	V. P.				9 ²
28891	" "						9 ³
28892	" "	AUG 16	V. P.				9 ⁴
28893	" "						10 ¹
29014	" "	AUG 16	White.	SEP 9			10 ²
29024	" "	AUG 12	White.	SEP 3			10 ³
29198	" "						10 ⁴
29262	" "	AUG 16	P. P.	SEP 9		10	11 ¹
29267	" "	AUG 8	V. P.	AUG 30		100	11 ²
29272	" "	AUG 14	V. P.	SEP 3		90	11 ³
29276	" "	AUG 14	P. P.	SEP 3		90	11 ⁴
29281	" "	AUG 10	P. P.	AUG 29		100	12 ¹
29282	" "	AUG 10	V. P.	AUG 28		100	12 ²
29283	" "	AUG 14	V. P.	SEP 3		95	12 ³
29284	" "	AUG 14	V.	SEP 5		80	12 ⁴

No.	From	Date of Bloom	Color	1 st buds mature	Harvested	gwt	Row
29285	Jr. 12	AUG 10	V. P.	AUG 30		25	13 ¹
29287	" 12	AUG 16	V. P.	SEP 7		25	13 ²
29288	" "	AUG 10	V. P.	SEP 3		75	13 ³
29289	" "	AUG 16	V. P.	SEP 7		60	13 ⁴
29291	" "	AUG 10	V. P.	AUG 30		25	14 ¹
29292	" "	AUG 16	V. P.	SEP 12			14 ²
29293	" "	AUG 8	P. P.	SEP 3		80	14 ³
29304	" "	AUG 16	P. P.	SEP 3		50	14 ⁴
30227	" "	AUG 2	V. P.	SEP 7		70	15 ¹
29307	" "	AUG 22	V. P.	9/20			15 ²
30721	" "						15 ³
30722	" "						15 ⁴
30723	" "						16 ¹
30724	" "						16 ²
30725	" "						16 ³
30726	" "						16 ⁴
31799	" "	AUG 20	V. P.	SEP 7		5	17 ¹
31800	" "	AUG 16	V. P.	SEP 7		10	17 ²
31801	" "	AUG 10	V. P.	SEP 3		90	17 ³
32060	" "						17 ⁴
32622	" "	AUG 8	V. P.	SEP 3		10	18 ¹
32623	" "	AUG 10	V. P.	SEP 3		40	18 ²
32624	" "	AUG 10	V. P.	SEP 3		20	18 ³
32625	" "	AUG 2	V. P.	SEP 3		100	18 ⁴

DID NOT GERMINATE

DID NOT GERMINATE

No.	Source	Date of Harvest	Color	1st pods matures	Harvested	g/w	Pos.
32626	Ja. 12	AUG 15	✓ P.	SEP 12			19'
32627	" "	AUG 10	✓ P.	SEP 3		50	19 ²
32628	" "	AUG 10	V. P.	SEP 7		10	19 ³
32629	" "	AUG 31	V. P.				19 ⁴
32630	" "	AUG 10	V. P.	SEP 10			20'
32631	" "	AUG 16	V. P.				20 ²
32632	" "	AUG 16	V. P.				20 ³
32633	" "	AUG 16	V. P.				20 ⁴
32634	" "	SEP 31	V. P.				21'
32635	" "	AUG 24	V. P.				21 ²
32636	" "	DID NOT GERMINATE					21 ³
32637	" "	DID NOT GERMINATE					21 ⁴
32638	" "	AUG 8	V. P.	9/10			22'
32639	" "	AUG 16	P. P.	SEP 3		20	22 ²
81549	" "	AUG 16	V. P.	SEP 5			22 ³
01571	" "	AUG 10	W	SEP 13			22 ⁴
01866	July 5						
01867	" 5	SEP 3	V. P.				
01868	" 5	AUG 29	V. P.				
01869	" 5						
01870	" 5	SEP 3	V. P.				
01871	" 5						
01872	" 5	AUG 22	V. P.				

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Soy bean Field Trials - Section C							
No.	Row	Stand	Area	Yield	Cal. yield bushels per acre	Corrected yield	Height
17861	1	90	8 rods	11 ³ / ₄			30
10/2	11	90		12			30
	21	90		11 ¹ / ₄			30
	31	85		11 ¹ / ₂			30
	41	85		10 ³ / ₄			34
	51	90		11 ¹ / ₂			28
	61	90		10			28
	71	95		12			28
	81	95		11 ³ / ₄			28
	91	95		11 ³ / ₄			28
		95					
32907	2	95		11 ¹ / ₄			24
10/2	12	95		12			24
	22	95		11 ¹ / ₄			22
	32	95		11 ¹ / ₄			24
	42	95		11			24
	52	90		9 ³ / ₄			24
	62	98		11 ¹ / ₂			24
	72	100		13			26
	82	98		12			26
	92	100		11 ¹ / ₂			26
		96					
32906	3	90		15 ¹ / ₂			48
10/2	13	90		13 ¹ / ₂			48
	23	90		12 ¹ / ₂			40
	33	95		10 ¹ / ₂			40
	43	92		12 ¹ / ₂			48

No.	Row	Stand	Area	Sbs. Yield	Cal. ms per acre	Section C ^{North}	
							Height
32906	53	90	8 rds	11 1/2			38
	63	95		12 1/2			40
	73	85		12 1/2			42
	83	95		11 1/2			46
	93	90		12 1/2			46
32909 1079 ft	4	55		6 1/2			22
	14	55		6			24
	24	50		6			22
	34	40		4 3/4			20
	44	70		6			24
	54	65		6 3/4			22
	64	50		4 3/4			22
	74	60		5 1/2			22
	84	40		4			20
	94	55		5 1/2			20
33438	5	90		16			38
	15	90		15 3/4			38
	25	80		13			28
	35	70		11 3/4			24
	45	80	865	13 1/2			26
	55	80		12 1/2			26
	65	95		16 3/4			26
	75	95		17 3/4			26
	85	90		16			26
	95	95		18 1/2			28

No.	Row	Stand	Area	Sec 2		Height
				Yield	cal. bus. per acre	
17269	6'	90	8 rds	14		30
$\frac{10}{2}$	16	90		12 $\frac{1}{2}$		26
	26	90		11 $\frac{1}{4}$		28
	36	85		13		26
	46	90		13		26
	56	85		11		26
	66	90		12 $\frac{1}{4}$		24
	76	90		13 $\frac{3}{4}$		26
	86	92	684	13 $\frac{1}{4}$		24
	96	90		13 $\frac{1}{2}$		26
17271	7	55		12 $\frac{1}{2}$		24
$\frac{14}{2}$	17	50		9 $\frac{1}{2}$		24
	27	50		11		24
	37	50		7 $\frac{1}{2}$		20
	47	50		7 $\frac{1}{2}$		18
	57	50		8		20
	67	85		14		22
	77	87	68.9	16		24
	87	87		15		24
	97	95		17 $\frac{1}{2}$		26
17277	8	80		6 $\frac{1}{4}$		18
	18	55	52.5	5		18
	28	75		6		18
	38	55		4 $\frac{1}{2}$		20
	48	60		4 $\frac{3}{4}$		20

No.	Run	Stand	Area	Sba field	Cal. one fur area	Section C ^{north}
17277	58 ⁶	60	8 rds	4 ¹ / ₄		76
	68 ⁷	60	" "	5		18
	78 ⁸	50	" "	3 ¹ / ₂		18
	88 ⁹	65	" "	5		16
	98 ¹⁰	50	" "	3 ¹ / ₂		16
33280	9 ¹	70	" "	6		24
9/14	19 ²	50	" "	5		20
	29 ³	65	" "	5 ¹ / ₂		22
	39 ⁴	55	"	4 ¹ / ₂		18
	49 ⁵	75		5 ¹ / ₂		20
	59 ⁶	65	6 rds	5		22
	69 ⁷	75		5 ¹ / ₂		20
	79 ⁸	70		5 ¹ / ₂		20
	89 ⁹	80		5 ¹ / ₂		20
	99 ¹⁰	80		5 ¹ / ₂		22
36478	10 ¹	60		13		28
	20 ²	75	76.0	13		26
	30 ³	80		13		26
	40 ⁴	75		12 ¹ / ₂		26
	50 ⁵	70		10 ¹ / ₂		24
	60 ⁶	75		13 ¹ / ₂		24
	70 ⁷	90		15 ¹ / ₂		26
	80 ⁸	90		19		26
	90 ⁹	80		14 ¹ / ₂		24
	100 ¹⁰	70		14 ¹ / ₂		26

No.	Plot	Sown	Harvested	Area	lbs. field	Section C north Cal. bur. flour stand correct yield
23232		gr. 8				
31867		" "				
21999						
32907				1/20 acre	44 1/2	
31867				"	59	
1844				"	65	
17254				"	40	
21079A				"	25	
26237				"	46	
19183				"	52	
20406				"	44	
22876				"	46	
30593				"	46	
17251				"	37	
30478+				"	50	
16790				"	55	
19981				"	55	
17261				"	48	
17273				"	45	
20412				"	55	
17260				"	32	
27707		gray plants		"	49	
27707A		Tawny plants		"	20	
1822				"	70	
17252C				"	75	

No.	Plot	Season		...	262. Yield
27198			1/20 acres		67
22379			"		55
8020			1/10 acres		84
26858			1/20 "		50
3747			"		80
5650			"		44
7275			"		57
0406			"		44
0854			"		24
0407			"		45
5652			"		55
1999			"		64
8050			1/20		20
2335			"		15
3232	11		"		50
3232	121		"		34

Cowpua ~~Field~~ Trial - Section C - south
 yield area

No.			
Oliver 906	8/10 - v p	✓	72
Oliver 920		✓	65 1/20
01015		✓	46 1/20
01548		✓	25 2mm
17404		✓	58 1/20
21293	✓ V. cat.		
21295	✓ V. cat.		
22888	✓ V. cat.		
26844		✓	63 1/20
27502	✓ cat.		
27546		✓	72 1/20
29267			
29272		✓	25 2mm
29274	cat.		
29275	✓ Cat.		
29276			50 1/20
29282		✓	72 1/20
29284		✓	62 1/20
29286		✓	79
29287		✓	70 1/20
29289		✓	39 1/20
29291			
29291			49 1/2, 4mm
29307		✓	39 1/20
29291		✓	30 2mm

No.				
32659	Cat,			
2861		v v	27	$\frac{1}{20}$
2862		v v	91	$\frac{1}{20}$
2887		v	41	$\frac{1}{20}$
3439		v	87	$\frac{1}{20}$
3449				
3440			90	$\frac{1}{20}$
9291		v	62	$\frac{1}{20}$
5088		v	52	$\frac{1}{20}$
2861	From 8 and 200		6	

90
20
160
30

Soy bean Fertilizer Trial - Section B.ⁿ

Plot	Fertilizer	Quit	Seeds	Height	Harvest	Stand	Yield
1-	check 5 m ²	'			1/4		73
2- 5 m ²	Soda Nitrate 2	5 lb					73
3-	KCl 3 5 m ²	5 "					54
4-	P ₂ O ₅ 4 5 m ²	15 "					54
5	NaNO ₃ 5	5 "					52
	KCl 5 m ²	5 "					
6	NaNO ₃ 6	5 "					50
	P ₂ O ₅ 5 m ²	15 "					
7	KCl 7	5 "					60
	P ₂ O ₅ 5 m ²	15 "					
8	NaNO ₃ 8	5 "					63
	KCl	5 "					
	P ₂ O ₅ 5 m ²	15 "					

Plot	Fertilizer	Unit	Sown	Height	Harvest	stand	yield
1	Chick ⁹						56
2	Na NO ₃ ¹⁰ 5 rows	5 lbs					61 1/2
3	K Cl ¹¹	5 "					61 1/2
4	P ₂ O ₅ ¹² 5 rows	15 "					62
5	Na NO ₃ ¹³	5 "					28
6	K Cl ^{2 rows}	5 "					
6	Na NO ₃ ¹⁴	5 "					30
7	P ₂ O ₅ ^{2 rows}	15 "					
7	K Cl ¹⁵	5 "					25
8	P ₂ O ₅ ^{2 rows}	15 "					
8	Na NO ₃ ¹⁶	5 "					27
	K Cl	5 "					
	P ₂ O ₅	15 "					

Plot	Fertilizer	Unit	Sown	Height	Harvest	Stand	Yield
1	Check ¹⁷ 2 rows						25
2	Na NO ₃ ¹⁸ 2 rows	5 lbs.					29
3	K Cl ¹⁹ 2 rows	5 "					26
4	P ₂ O ₅ ²⁰ 2 rows	15 "					30
5	Na NO ₃ ²¹	5 "					31 1/2
	K Cl 2 rows	5 "					
6	Na NO ₃ ²²	5 "					28 1/2
	P ₂ O ₅ 2 rows	15 "					
7	K. Cl. ²³	5 "					22 1/2
	P ₂ O ₅ 2 rows	15 "					
8	Na NO ₃ ^{# 24}	5 "					31
	P ₂ O ₅	15 "					
	K Cl 2 rows	5 "					

Miscell. seed. Peking
 from Fert. trial

85
 85
 82
 85

 337

Total

Soy bean - Width of Row - Sect. A. south

80

20

Mixtures.Section B, ^{north.}

Cowpeas - 3 lbs. } $\frac{1}{10}$ acre
 Johnson Grass - 2 lbs. }
 Sown June 11, 1912. Cut Sept. 5, 1912
 Cut Sept. 5

Weighed " 10

$\frac{1}{10}$ acre cured hay = 561 lbs.

1 " - c. " (cal) - 2.8 tons

Ready to cut for hay Sept. 1. Johnson grass in bloom.
 Cowpeas nearly full grown. Johnson grass
 about 5.5 average height. Not nearly so
 good mixture as cowpeas - Sudan " or
 cowpeas - Sudan - about $\frac{1}{4}$ cowpeas.
 Soybeans - 22899.

~~Cowpeas~~ - 3 lbs. } $\frac{1}{10}$ acre 3
 Sudan Grass - 2 lbs. }

Sown June 11, 1912 Cut Sept. 6, 1912

Ready to cut for hay Sept. 1 but not cut until
 Sept. 6. Sudan grass in bloom and from
 6" to 8 ft. high. Soy beans fully podded and
 seed about $\frac{1}{4}$ formed. The plants owing about
 the grass and from 4 - 6 feet high. Seem
 to be an excellent mixture, even superior
 to that of the Cowpeas - Sudan. about $\frac{1}{4}$
 of the mixture soybeans. Weighed Sept. 13.

$\frac{1}{10}$ acre cured hay - 888 lbs. hay

1 " " " " (cal) - 4.4 tons

Mixtures - continued

{ ~~Coryene~~ - ~~black~~ 31717
~~Soy Grass~~ - ~~Arlington~~ 22899 - 3 lbs } $\frac{1}{10}$ acre
 Sudan Grass - 2 lbs

Sown June 11, 1912. Cut Sept. 6, 1912

Ready to cut Sept. 1 but not cut until Sept. 6.
 Sudan grass in bloom and from 6 $\frac{1}{2}$ to 8 ft. high. Coryene have pods nearly full grown and vines from 4 to 6 ft. long. The pea vines wind around the grass stems. Make a very good combination. About one fourth coryene. Weighed Sept 9, 1912

$\frac{1}{10}$ acre weed crop - 925 lbs.

1 " " " (Cal) - 4.6 tons

{ ~~Coryene~~ - 3 lbs. } $\frac{1}{10}$ acre
 { ~~Sorghum~~ - ~~Amber~~ - 1 $\frac{1}{2}$ }

Sown June 11, 1912.

Green wt.

$\frac{1}{10}$ acre - 2430 lbs.

1 acre - cal. - 12.1 tons

$\frac{9}{10}$ has made an excellent and heavy growth.
 Ready to cut at the present time. Seed of the sorghum in the dough stage. Perfect stand. Badly lodged on account of the rain.

Mixtures - continued

{ Cowpeas: — $1\frac{1}{2}$ lbs } $\frac{1}{10}$ acre.
 { Millet: German — $1\frac{1}{2}$ lbs }
 Sown June 11, 1912. Cut $\frac{8}{9}$ Dry
 Weighed $\frac{8}{26}$ Wt — 5674
 Cut Aug. 19.
 Weighed .. 26
 $\frac{1}{10}$ acre cured hay = 567 lbs.
 1 " " " (Cal) = 2.8 tons.

{ Cow peas - Black - 3 lbs. } $\frac{1}{10}$ acre
 { Soy beans - Mammoth - 3 lbs. }
 Sown June 11, 1912.

9/30 - Has made an excellent and heavy growth. The peas are now beginning to mature. Should have been cut at least two weeks ago. Seed of soy beans about $\frac{1}{2}$ formed. Weight of mixture 380. Starch 98%. Makes an excellent mixture.

$\frac{1}{10}$ were cured hay - 475 lbs.
One are cured .. (Cul). 2.9 Tons

Broadcast vs Row - Soy beans - Sect. B

Mammoth - 31867

Row - 5 - 3.3 ft apart = $\frac{1}{20}$ acre - 30 lbs. per acre

Sown June 11, 1912.

Yield 80 lbs.

Broadcast - $\frac{1}{20}$ acre. 60 lbs. per acre

Sown June 11, 1912

Yield - 69 lbs.

Va.
~~Peking~~ # 32907
 Rows 5 - 3.3 ft. apart = $\frac{1}{20}$ acre. 25 lbs. per acre
 Sown June 11, 1912.
 Yield - 94

Broadcast - $\frac{1}{20}$ acre - 60 lbs. per acre.
 Sown June 11, 1912
~~Yield 94 lbs.~~
 Yield - 100

Soy bean Selections

Sect. B-North

No.	Date of bloom	Color of bloom	Height	Seed color	Sown	Har- vested	Seas
O.Y.-0.Y.-1	8/8	Purple White.		P O.Y.-29 / S.Y.-7 / S.Y.+R.-1 / O.Y.-10 W O.Y.-8 / S.Y.+R.-1 / S.Y.-11	7/1	10 15	
-0.Y.-2	7/30	Purple		O.Y.-42 / S.Y.-2	7/1		
-0.Y.-3	8/2	Purple White.		P O.Y.-8 / S.Y.-5 / R.-5 / S.Y.-11 W	7/3		
-0.Y.-4	8/5	Purple White.		W O.Y.-8 / R.-1	7/3		
O.Y.-5	8/2	Purple White.		P O.Y.-30 / R.-13 W R.-3 / S.Y.-1 / O.Y.-6	7/1		
O.Y.-6	8/6	Purple White.		P R.-11 / S.Y.-5 / O.Y.-17 O.Y.-27 / S.Y.-3 / O.R.-3 / R.-2 W O.Y.-4 / O.R.-1 / S.Y.-1 / R.-11	7/1		
S.Y.-7	8/16	Purple		P S.Y.-32 W S.Y.-6 / S.Y.-R.-2	7/1		
O.Y.-8	7/30	White.		R.-11 / S.Y.-3 / O.-1 / O.Y.-14	7/1		
O.Y.-9	7/30	Purple		O.Y.-32	7/1		
O.Y.-10	8/8	Purple White.		R.-5; O.Y.-28; S.Y.+R.-1 S.Y.-10; O.R.-13; O.R.-4	7/1		
O.Y.-11	7/30	Purple		P O.Y.-21 / O.-2 / R.-4 / S.Y.-5 / S.Y.-11	7/1		
O.Y.-12	7/30	Purple White.		W R.-3 / O.Y.-10 / S.Y.-3 / S.Y.+R.-1	7/1		
O.Y.-13	8/2	Purple White.		P O.Y.-17 / S.Y.-11 / R.-12 W R.-4 / S.Y.-1 / O.Y.-4	7/1		
O.Y.-14	7/30	Purple White.		W R.-5 / O.R.-1 / O.Y.-2 / S.Y.-2 P O.Y.-24 / O.R.-6 / R.-5 / S.Y.-7	7/1		
O.Y.-15	8/8	Purple		O.Y.-21 / O.Y.+R.-1	7/1		
S.Y.-16	8/8	White.		S.Y.-66 / O.R.-8 / R.-12	7/1		
S.Y.-17	8/8	Purple		S.Y.-41; O.Y.-2	7/1		
S.Y.-18	8/2	White.		S.Y.-49 / S.Y.+R.-1	7/1		
S.Y.-19	8/2	Purple White.		P S.Y.-30 / O.R.-2 / R.-2 W S.Y.-8 / O.R.-2 / R.-3	7/2		
S.Y.-20	8/14	Purple White.		P S.Y.-30 / O.R.-6 / R.-6 / O.Y.-1 W R.-2 / S.Y.-13 / O.R.-1	7/2		
S.Y.-21	8/2	Purple White.		W S.Y.-10 P S.Y.-61	7/2		
O.Y.-22	8/17	Purple		O.Y.-61 / S.Y.-20	7/2		
O.R.-23	8/14	Purple White.		P O.Y.-1 W O.R.-10 / R.-23	7/2		
O.R.-24	8/5	Purple		O.R.-64 / O.Y.-1 / R.-26	7/2		

No.					Save	cut
-Br-25	8/6	White.	P Br-1	7/2		
9.S. -Br-26	8/14	White.	W O.Br-12/Br-10	7/2		
" O.Br-27	7/30	White.	Br-26/O.Y.-1	7/2		
" " Purple.			P Br-11/O.Br-37	7/2		
O.Br-28	8/14	White.	W S.Y.-1/O.Y.-2/O.Br-4	7/2		
" Purple.			P O.Br-25	7/2		
Br-29	7/30	White.	W O.Br-3	7/2		
" Purple.			P Brown-1	7/2		
O.Br-30	8/8	White.	W Brown-30	7/2		
" " White.			O.Br-60	7/2		
Br-31	8/14	Purple.	Br-72/O.Y.-2/O-1	7/2		
" " White.			P Br-65	7/2		
Br-32	8/2	Purple.	W Br-9/O.Y.-1	7/2		
" " White.			P Br-33/S.Y.-1	7/2		
Br-33	8/14	Purple.	W Br-14	7/2		
S-Br-34	8/17	Purple.	S.Y.+Br-7/S.Y-77	7/2		
" " White.			P S.Y.-18/O.Y.-44	7/2		
2 Br O.Y.-35	8/14	Purple.	W S.Y.-5/O.Y.-18	7/2		
" " White.			W O.Y+Br-1/S.O.Y-6/S.Y-3	7/2		
S-Br O.Y.-36	8/2	Purple.	P S.O.O.Y-35/S.Y.-11/O.Y.-1	7/2		
" " Purple.			White Br-49/S.Y.-1	7/2		
O.Br.-37	7/30	Purple.	O.Y.-37/Br-12/S.Y.-13/O-5	7/2		
" " Purple.			S.Y+Br-1/O.Y.-52/S.Y-20	7/2		
O.Y.+Br-38	8/17	Purple.	W O.Y-(cloudy)-2/Br-3	7/2		
" " Purple.			P O.Y-9/Br-7/S.Y.-5	7/2		
O.Y.-40	8/14	White.	W O.Y+Br-1/O.Y.-1	7/2		
" " Purple.			P O.Y-12/S.Y.-4/S.Y+Br-1	7/2		
O.Y.-41	8/8	Purple.	P Br-1/O.Br-1	7/2		
Br-42	8/2	White.	W Br-25	7/2		
" " White.			P Ol.Br-4/S.Y.-10/Br-6	7/2		
Br.-43	7/30	Purple.	W Ol.Br-2/S.Y.-7	7/2		
" " White.			P S.Y-9/O.Y.-11/O.Br-9	7/2		
O.Y.-44	8/6	Purple.	W O.Br-2/O.Y.-3/S.Y.-3/S.Y+Br-1	7/2		
" " White.			P S.Y.-24/O.Br-8	7/2		
S.Y.-45	8/6	Purple.	W S.Y.-18/O.Y.-1/O.Br-3	7/2		
" " White.			S.Y.-3/O-3/Br-5/O.Y.-20	7/2		
O.Y.-46	7/30	White.	O.Y.-12/Br-1/O-2	7/2		
" " White.			W Br-1/Br-1/O.Y.-3	7/2		
O.Y.-47	8/8	Purple.	P Br-3/O-6/O.Y.-32/S.Y.-4	7/2		
" " White.						

No.				Seed color	Source	Ant
J.S. 0.Y.-49	7/30	Purple		P 0.Br-8 / 0.Y.-9 / S.Y.-2	7/2	
0.Y.-50	8/6	White.		W 0.Y.-41	7/2	
8.Y.-51	8/6	Purple		P 0.Y. 1.	7/2	
8.Y.-51	8/6	White.		W 0.Y. 12 / S.Y. 11-	7/2	
8.Y.-51	8/6	White.		P 0.Y. 1 / 0.Y. 12 / Br-1 / S.Y.-11	7/2	
8.Y.-51	8/6	Purple		W 0.Y.-4 / Br-1	7/2	
S.W. 0.Y.-52	7/30	White.		0.Y.-8 / S.Y.-6 / Br-3 / Br-1	7/2	
0.Y.-53	7/30	White.		P 0.Y.-11 / Br-3 / 0-1	7/2	
0.Y.-53	7/30	Purple		W 0.Y.-3	7/2	
0.Y.-54	8/6	White.		P S.Y.-3 / Br-1	7/2	
0.Y.-55	8/14	Purple		W S.Y.-12 / Br-1 / S.Y.-1	7/2	
0.Y.-55	8/14	White.		P Br-4 / Br-2 / 0.Y.-7 / S.Y.-3	7/2	
0.Y.-56	8/8	Purple		W S.Y.-1 / 0.Y.-3 / Br-1	7/2	
0.Y.-57	8/2	White.		P S.Y. 6.	7/2	
0.Y.-57	8/2	Purple		W S.Y. 11.	7/2	
0.Y.-58	8/6	Purple		0.Y.-10 / S.Y.-3 / Br-6 / S.Y.-2	7/2	
0.Y.-59	8/6	White.		W S.Y.-3	7/2	
0.Y.-60	8/14	White.		P S.Y.-17 / 0.Y.-1	7/2	
0.Y.-61	8/14	Purple		0.Y.-3 = Br-3 = 0.Y. + Br-1	7/2	
0.Y.-62	8/6	White.		S.Y.-2 = 0-1 = S.Y. + Br-1	7/2	
0.Y.-63	8/14	Purple		W Br-1 / 0.Br-4	7/2	
0.Y.-64	8/14	White.		P Br-1 / 0.Br-18	7/2	
0.Y.-65	8/14	Purple		P 0.Y.-2 / 0.Br-1 / Br-1	7/2	
0.Y.-66	8/14	White.		W 0.Y.-2 / Br-18 / 0.Br-6.5	7/2	
0.Y.-67	8/6	Purple		P Br-43 / Br-6 / Br-14 / S.Y. 1	7/2	
0.Y.-68	8/14	White.		W Br-15 / Br-2 / Br-5	7/2	
0.Y.-69	8/14	Purple		P 0.Y. 32 / 0. 5 / 0.Y. 12 / Br-1	7/2	
0.Y.-70	8/14	White.		W 0.Y.-11 / 0-3	7/2	
0.Y.-71	8/14	Purple		P 0.Y.-1	7/2	
0.Y.-72	8/14	White.		W S.Y.-4 / 0.Br-7 / 0.Y.-18 / 0-5 / Br-3	7/2	
0.Y.-73	8/14	Purple		⊕ S.Y.-4 / Br-3 / Br-4 / 0.Y.-20	7/2	
0.Y.-74	8/14	White.		W S.Y.-4 / Br-2 / 0.Y.-6 / 0-1 / S.Y.-1	7/2	
0.Y.-75	8/14	White.	T.	0-2 / 0.Y.-10		

Soybean - Hybrid Selections

Section A South

No.	Date	Color	Height	Pods	Seed Color	Season	Maturity
O.Y.-70		Purple			W. Br-8 O.Y.-22 O-3 O.Y. Br-1		10/
Gr. I. J. S.	8/3	White.		T	P Br-12 O.Y.-57 O-5		7
O.Y.-71	7/26	White.		T	P O.Y.-1		10/
" " "		Purple			W Br-31 O.Y.-73 S.Y.-59 O-13		
O.Y.-72	7/31	White.		T	P S.Y.-27 O.Y.-52 Br-1		10/
" " "		White.			W S.Y.-9 O.Y.-25		
O.Y.-73	7/26	Purple	28	T	P O.Y.-47 S.Y.-31 Br-14 O-9		10/
" " "		White.			W O.Y.-12 S.Y.-4 Br-6 O-4		
O.Y.-74	7/24	Purple	22		W O.Y.-36 S.Y.-16 O-4 Br-10		10/
" " "		White.			P O.Y.-92 Br-35 S.Y.-7 Br-11 O-15 S.Y.-57		
O.Y.-75	7/26	Purple			P O.Y.-52 Br-15 O.Br-4 S.Y.-5		
" " "		Purple			W O.Y.-15 Br-5 Br-11 O-1		
O.Y.-76	8/10	Purple			O.Y.-180 O-90 O.Br-1		
" " "		Purple	18		S.Y.-36 O.Y.-24 Br-12		10/
O.Y.-77	7/23	White.			P Br-118 O Br-1 S.Y.-2		10/
O.Y.-78	7/31	Purple	26		W Br-40		10/
Br-79	8/10	White.		T	P Br-1		10/
" " "		White.			W Br-44		
Br-80	7/31	Purple		T	P Br-7 O-14 O.Y.-1		10/
" " "		White.			W Br-1 O-4		
Br-81	7/26	White.	2'	T	Br-9 3/4 sterile plant		
Br-82	7/29	Purple			P Br-118 O.Y.-2		10/
" " "		White.	24	T	W Br-43 O.Y.-1		
Br-83	7/29	Purple	20	T	Br-41 O.Y.-2 S.Y.-1		10/
" " "		White.			Br-13 O Br-36		10/
Br-84	7/31	Purple			W Br-16 O.Y.-1		
Br-85	7/29	White.	20	T	P Br-65		10/
" " "		Purple			P Br-8		
Br-86	7/25	White.	18		W Br-2		9/25
Br-87							
1-4	7/26	White.	10	T	Br-136		9/16
Ogman							
Br-1	8/1	White.	12				9/20
B.S. 3-3	8/1	White.	10				9/20
Br-2							
" " "							
Br-3	8/1	White.	10				9/20
" " "							
Br-4							
" " "							
Br-5	8/6	White					

No.	Date Bloom	Color Flower	Height				Mature
Bl-6 B.S. 3-3	8/3	White.	12				9/10
Bl-7 B.S. 3-3							
Bl-8 B.S. 3-3	8/1	White.	10				9/25
O.Y.-9 B.S. 3-3	8/3	White. Purple.					
Bl-1 Diamond 1-6	7/31	White. Purple.					
O.Br.-2 " 1-6	7/29	White. Purple.					
B.S. 3-1	8/1	White.	10				9/25
2-2-Br Diamond	8/1	White.	10				9/20
O.Y. & Br. " 2-2	7/31	Purple. White.		Br-30			
O.Y.-1 " 2-3	7/31	Purple. White.		P O.Y.-25 O.6 Br-8 W O.Y.-8 O-1 Br-3 P O-3 O.Y.-1 Br-1 Bl-9 O.Y.-44 W O.Y.-13 Br-4 W Br-8 8 Bl P Br-1			
Bl-2 " 2-3	8/1	Purple. White.	10				9/20
O.Y. & Br. " 1-1-1	8/1	Purple.					
Br-2 " 1-1-1	8/1	White.	8				9/20
Br-3 " 2-3	8/1	White.	8				9/20
5 Br-7 " 1-1	8/3	White.					
O.Y. & Br. " 1-1	8/1	White. Purple.		W O.Y.-31 O-5 Br-9 Br-1 O.Y.- P O.Y.-96 O-16 Br-12 O.Y.-1			
2 Br-7 " 1-1	8/3	White.	8		Br-7		9/16
Br-8 " 1-1	8/3	White.	8		Br-5		10/1
Br-9 " 1-1	8/3	White.	10		Br-35		10/1
O.Y.-6 " 1-1	8/8	Purple. White.	8	P Br-13 W Br-4			10/4
O.Y.-7 " 1-1	8/8	White.	8		O.Y. & Br-1 O.Y.-1		10/1
Bl-7 " 1-1	8/6	White.	8		Bl-4 Br-1		9/20
Br-8 " 2-1	8/3	White.	8		Br-17		9/20
O.Y.-8 " 2-1	8/1	White. Purple.	8	P O.Y.-7 Br-1 Br-1 O.Y.-1 W O.Y.-3 Br-1			9/20

No.						Source	Ant
O-Bn. 12 German 2-1 Pl. 2-1	2/29 7/29	White Purple White Purple	8 8		W O.Bn-8 P O.Bn-46/BC-110.R-1		9/16 9/16

Jay trace Selections

Section A south.

No.			Gr	Pls	Seed Color	Sown	Out
5521-1	8/6	White.	G	W	Br.	✓	G
" -2	8/6	White.	G	W	Br.	✓	G
" -3	8/6	White.	G	W	Gr.	✓	G
" -4	8/6	White.	G	W	Gr.	✓	G
" -5	8/6	White.	G	W	Gr.	✓	G
" -6	8/6	White.	G	W	Gr.	✓	G
" -7	8/6	White.	Gr	W	Br.	✓	G
" -8	8/7	White.	Gr	W	Gr	✓	G
5522-1	8/7	White.	Y	W	Br. Gr.	✓	G
" -2	8/6	White.	Gr + Y	W	S. Y. & O. Y.	✓	G
" -3	8/6	White.	Gr + Y	W	S. Y. & O. Y.	✓	G
" -4	8/6	White.	S. & Y.	W	O. Y. & Gr. & Br.	✓	G
" -5	8/8	White.	S. & Y.	W	S. Y. & Gr.	✓	G
" -6	8/6	White.	G + Y.	W	S. Y. O. Y. & Br.	✓	G
" -7	8/6	White.	G + Y		Br.	✓	G
" -8	8/6	White.	Y		Br.	✓	G
" -9	8/6	White.	Y		S. Y. O. Y. & Br.	✓	G
" -10	8/6	White.	Y		Br.	✓	G
" -11	8/7	White.	Gr & Y.		O. Y. & Gr.	✓	G
" -12	8/6	White.	Gr & Y		Br.	✓	G
" -13	8/6	White.	S. & Y.		S. Y. & Gr.	✓	G
" -14	8/6	Purple White.	Gr & Y.		O. Y. & Gr.	✓	G
5534-1	8/10	Purple.			Gr. & Y.	✓	Y
" -2	8/10	Purple			S. Y. & Br.	✓	Y

No.			Hght		Seed Color	Seem	Cut	Season
5534-3	8/3	Purple	24		S.Y.	✓	T	
5534-4	8/10	Purple	7		S.Y.	✓	G	
" -5	8/6	Purple	24		S.Y.	✓	T	
" -6	8/6	Purple			S.Y.	✓	T	
" -7	8/8	Purple			S.Y.	✓	T	
502-1	8/10	Purple			O.Y.	✓	T	
" -2	8/13	Purple White.			O.Y. & Br	✓	T	
" -3	8/13	Purple White.			O.Y. & Bl	✓	T	
" -4	8/13	Purple White.			O.Y. Br	✓	T	
" -5	8/13	Purple			Br	✓	T	
" -6	8/13	White.			O.Y. & Bl	✓	T	
" -7	July 30	Purple			O.Y. & Bl	✓	T	
" -8	8/13	Purple White.			Bl.	✓	T	
504-1	8/13	White.			Bl	✓	T	
" -2	8/6	Purple White.			S.Y.	✓	T	
" -3	8/10	White.			Br	✓	T	
" -4	8/13	Purple		Ppls.	S.Y. & Br	✓	T	
" -5	8/13	White.			Meyer	✓	T	
" -6	8/13	Purple White.		Ppls.	Br (Bl nodes)	✓	T	
" -7	8/13	White.			Br	✓	G	
" -8	8/13	White.			Br	✓	T	
5234-1	8/6	Purple			S.Y. ^{marked} with Bl. & Br. m	✓	T	
523-2	8/6	Purple			Bl	✓	T	
" 13	8/6	Purple			Bl. marked with Br	✓	T	

No			Hght	Seed Color	form	Size	Leaves
5523-4	8/10	Purple		Bl	✓	T	
" -5	8/6	Purple		O.Y. & Br	✓	T	
" -6	8/1	Purple		O.Y.	✓	T	
" -7	8/3	Purple		O.Y. with marbled Bl. & Br	✓	T	
" -8	8/6	Purple		Br	✓	T	
" -9	8/1	Purple		Br	✓	T	
" -10	8/1	Purple		Bl. marbled with Br	✓	T	
5514	8/10	White			✓		
5514A	8/1	Purple			✓		
5526-1	7/31	Purple		Bl. marbled with Br.	✓	T	
" -2	8/3	Purple		O.Y. & Bl.	✓	T	
" -3	7/31	Purple		S.Y. with Bl. & Br marbled	✓	T	
" -4	7/31	Purple		S.Y.	✓	T	
" -5	7/31	Purple		Br	✓	T	
" -6	8/2	Purple		O.Y. with Marbled Bl	✓	T	
" -7	7/31	Purple		Bl	✓	T	
" -8	7/31	Purple		Marbled Bl & Br	✓	T	
" -9	7/31	Purple		S.Y. with marbled Bl. & Br	✓	T	
" -10	7/31	Purple	18	O.Y. Bl. & T	✓	T ₂	
" -11	8/1	Purple		Br	✓	T	
" -12	8/6	Purple		O.Y. Black saddle	✓	T	
" -13	8/6	Purple		O.Y. & Br.	✓	T	
" -14	7/31	Purple		Bl. Marbled with Br	✓	T	
5501-1	8/10	Purple White	w fls	O.Y.	✓	G	

No.			Q-1	Seed Color		
501-2	8/10	Purple		O.Y. Br.	✓	T
" -3	8/13	Purple White		O.Y. & Bl.	✓	T
" -4	8/13	Purple White		O.Y.	✓	G
" -5	8/13	Purple White		Bl.	✓	T
" -6	8/10	Purple White		O.Y. & Br.	✓	G
583-1	8/3	White		Br.	✓	T
" -2	8/10	Purple		Bl.	✓	T
" -3	8/13	Purple White	G + Y.	O.Y. & Br.	✓	T
" -4	8/6	Purple White		S.Y.	✓	T
" -5	8/10	Purple White		O.Y.	✓	T
" -6	8/8	White Purple		O.Y. & Bl.	✓	T
" -7	8/13	Purple		S.Y.	✓	T
" -8	8/10	Purple White		Bl.	✓	T
" -9	8/6	Purple White	G. + Y.	O.Y. & Br. (with green coat)	✓	T
" -10	8/10	Purple White		Bl.	✓	T
" -11	8/13	Purple		Bl. (Black bottom)	✓	G
" -12	8/13	Purple		Bl.	✓	T
" -13	8/10	Purple White		Bl.	✓	T
625-1	8/16	Purple		O.Y. & Br.	✓	T
625-2	8/16	Purple		O.Y.	✓	T
625-3	8/16	Purple		Mint	✓	T
" -4	8/18	Purple		S & O.Y. & Bl.	✓	T
" -5	8/20	Purple		O.Y. & Br.	✓	T
" -6	8/20	Purple		Bl.	✓	T

No.							Pch
5625-7	8/20	Purple			Br. meyer	✓	T
" -8	8/16	Purple	Br. meyer		Bl.	✓	T
5626-1	8/16	Purple			Br. meyer	✓	T
" -2	8/16	Purple			Br. meyer	✓	T
" -3	8/13	Purple			" "	✓	T
" -4	8/16	Purple			Br. meyer	✓	T
" -5	8/13	Purple			" "	✓	T
" -6	8/16	Purple			Bl.	✓	T
" -7	8/20	Purple			Br. meyer	✓	T
" -8	8/13	Purple			Bl.	✓	T
" -9	8/16	Purple			Br. meyer	✓	T
5643-1	8/13	Purple White			O.Y. (Bl. tulip)	✓	T
" -2	8/16	Purple White			S.Y. (Br. tulip)	✓	T
" -3	8/21	Purple			Meyer	✓	T
" -4	8/20	Purple White			Bl.	✓	T
" -5	8/20	Purple			O.Y. Smokey lilac	✓	T
" -6	8/16	Purple White			Bl.	✓	T
" -7	8/16	Purple			Bl.	✓	T
5657-1	8/16	Purple			S. & O.Y.	✓	G
" -2	8/10	Purple			S. & O.Y.	✓	G
" -3	8/16	Purple			Oli	✓	G
" -4	8/16	Purple			S. & O.Y.	✓	G
" -5	8/16	Purple			S. & O.Y. & Br.	✓	G
" -6	8/16	Purple			Oli	✓	G

No.					Seed color	Source	End	Season
5657-7	8/16	Purple			Cloudy O.Y.	✓	T	
" -8	8/16	Purple			Cloudy O.Y.	✓	G	
" -9	8/16	Purple			O.Y.	✓	G	
" -10	8/16	Purple			Mayer	✓	G	
" -11	8/16	Purple			SE O.Y.	✓	G	
" -12	8/16	Purple			Br.	✓	G	
" -13	8/16	Purple			O.Y. + Br.	✓	G	
" -14	8/16	Purple			Ol.	✓	G	
" -15	8/16	Purple			Mayer	✓		
" -16	8/16	Purple			Mayer	✓		

Cousa Hybrids

Hybrid No.		Females			Males			No. of seeds
Hybrid No.	F.C.I. No.	No.	Variety	Seed Color	No.	Variety	Seed Color	
		29282	Early Buff	Buff	29262			10
6		29282	" "	"	32862	Front	Mottled	3
28		29282	" "	"	32861	Iron	clay	8
63		29282	" "	"	29281			12
87		29282	" "	"	25088	Early Red	Maroon	5
94		29282	" "	"	25088	" "	"	11
98		33439	New Era	Mottled	25088	" "	"	16
99		33439	" "	"	25088	" "	"	7
101		33439	" "	"	25088	" "	"	10
104		29282	Early Buff	Buff	33439	New Era	Mottled	7
107		29282	" "	"	22888	Catyang	Buff	5
109		29282	" "	"	22888	"	"	7
113		29282	" "	"	22888	"	"	11
115		29282	" "	"	22888	"	"	5
118		22888	Catyang	Buff	29292	Early Buff	Buff	7
135		22888	"	"	25088	Early Red	Maroon	13
195		32861	Iron	Clay	33439	New Era	Mottled	8
203		32861	"	"	33439	" "	"	14
215		29267	Jard Long	Black	32862	Front	"	6
216		29267	" "	"	32862	"	"	8
217		29267	" "	"	32862	"	"	9
218		29267	" "	"	29282	Early Buff	Buff	5
225		29267	" "	"	32861	Iron	clay	2
226		29267	" "	"	32861	"	"	5

No.	Hyb. No.	Females			Males			No. Seed
		No.	Variety	Seed color	No.	Variety	Seed color	
230		29267	Yard long	Black	32861	Iron	Clay	4
231		29267	" "	" "	32861	"	"	3
279		32887	Brabham	Mottled	29282	Early Buff	Buff.	4
301		27502	Catgany	Black	32862	Groit	Mottled	
145		27502	Catgany	Black	32862	Groit	Mottled	5
331		29282	Early Buff	Buff	32887	Brabham	Mottled	1
293		29282	Early Buff	Buff	29024	Conch	White	6
282		29024	Conch	White	29282	Early Buff	Buff	7
301		29024	Conch	White	29282	Early Buff	Buff	5
197		32861	Iron	Clay	33439	New Era	Mottled	14
333		29282	Early Buff	Buff	32887	Brabham	Mottled	6
343		32862	Groit	Mottled	32887	"	"	7

Soybean Hybrids

F.C.D. No.	Hybrid No.	Females					Males					No. Sec.
		No.	Col.	Pos.	Fl.	Mat.	No.	C.	Pos.	Fl.	Mat.	
	21755 1	21755	Br.	T	W	V.E	32907	Bl.	T	W		
	21755 3	21755	Br.	T	W	V.E	32907	Bl.	T	W		
	21755 4	21755	Br.	T	W	V.E.	32907	Bl.	T	W		
	21755 12	21755	Br.	T	W	V.E	17261	Gr.	T	P		
6931 33	17261 2	17261	g	T	P	M	21876	S.Y.		P		

Width of Rows Peking.

		lb.
$\frac{1}{2}$ acre	— 18 in. rows	47½
"	" — 24 " "	51
"	" — 30 " "	44
$\frac{1}{4}$ "	" — 3.3 ft rows	45

Mammuths.

$\frac{1}{2}$ acre	— 18 in. rows	72
$\frac{1}{2}$ " "	— 24 " "	75
$\frac{1}{2}$ " "	— 30 " "	85
$\frac{1}{4}$ " "	— 3.3 ft. rows	70

32
1.4

Time of Planting - Cowpeas.

Continued from Page 6.

No	Season	Date of Bloom	1st pods mature	Mature	Season	Height	No. of Pods	yield of per sq. ft.	Score
27546	April 15	7/29							
Red	May 1	"	8/25	9/26		12-18		1' 5" 7' 3"	60%
Pimper	" 20	7/1	8/28			12-16		6' 6" 1' 6"	80
	June 1	8/15	9/4			10-14		5' 4"	85
	June 17	8/16	9/6			18-22		6' 12" 6' 14"	95
	July 1	8/24	9/16			18-20		4' 4"	90
	July 16	9/17				16-18			85
	Aug. 1	9/25							
32861	April 15							2' 16"	
Brown	May 1	8/2	8/24	9/20		20-24		4' 4"	95
	" 20	8/3	8/28			20-24		2' 10" 1' 14"	90
	June 1	8/10	9/1			20-24		4' 4" 1' 10"	98
	" 17	8/12	9/3			20-24		4' 2"	98
	July 1	8/15	9/8			20-22		4' 2"	98
	" 16	9/16	10/21			20-22			95
	Aug. 1								

No.	Sown	Germinated	Date ^{to} Bloom	Remarks	1 st Pods ripe	all or most of pods ripe
Grit	MAY 31	JUN 8	AUG 5		AUG 27	9/25
1.						
2.						
3.						
4.						
7847 Admiral	MAY 31	JUN 10	AUG 5		9/3	
1.						
2.						
3.						
4.						

